Mediscience Devices
(An Unit of Mediscience Services)

SUOER REBOUND TONOMETER
SW-500 (PORTABLE, WIRELESS, DIGITAL)



PRODUCT OVERVIEW

The SUOER SW-500 Rebound Tonometer is a portable, wireless, and fully digital ophthalmic device designed for fast, accurate, and non-invasive measurement of Intraocular Pressure (IOP). Utilizing advanced rebound tonometry technology, it provides reliable readings without the need for topical anesthesia, ensuring greater patient comfort and improved clinical efficiency. Its lightweight, handheld design makes it ideal for hospitals, ophthalmology clinics, emergency care, and mobile vision screening.

KEY FEATURES

- Portable and lightweight handheld design
- Advanced rebound tonometry technology
- Wireless digital operation
- No topical anesthesia required
- Fast and accurate IOP measurement
- User-friendly color LCD display
- Automatic measurement and data storage
- Suitable for adults and pediatric patients
- Rechargeable lithium battery
- Quiet, comfortable, and non-contact-like patient experience
- Ideal for glaucoma screening and routine eye examinations

TECHNICAL DETAILS

- High-speed digital pressure measurement
- Automatic probe recognition and calibration
- Ergonomic one-hand operation
- Disposable sterile probes for enhanced hygiene
- Intelligent measurement averaging function
- Stable and repeatable clinical results
- Rechargeable battery with extended operating time
- Compact and durable construction
- Designed for hospitals, eye clinics, vision centers, and community screening programs
- Reliable performance for routine glaucoma diagnosis and intraocular pressure assessment

SPECIFICATIONS

Product Type	Digital Rebound Tonometer
Measurement Principle	Rebound Tonometry
Measurement Range	3 – 70 mmHg
Measurement Accuracy	±1.5 mmHg (typical)
Display	Color LCD Screen
Data Storage	Internal Memory
Power Supply	Rechargeable Lithium Battery
Connectivity	Wireless
Operation	Handheld Digital
Weight	Lightweight Portable Design

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